**Personal Project : UML Parser**

**Made By**

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**Steps to run the umlparser.jar file:**

1. Install the Graphviz on the system.

**Ubuntu(Prefered): execute the following command**

sudo apt-get install graphviz

1. Go to Terminal-> navigate to the directory where umlparser.jar resides by typing in the terminal **cd <Path>** for example if my file is on desktop open terminal and type *cd Desktop*
2. After moving to the directory type: **java –jar umlparser.jar <sourcepath of the directory> <destination path with name of the file>**

**for example:**

java -jar umlparser.jar /home/shekhar/Desktop/uml-parser-test-1/ /home/shekhar/Desktop/test1

Output: test1.png

Here “/home/shekhar/Desktop/uml-parser-test-1/” is path to the directory containing the java files

“/home/shekhar/Desktop/test1” is path to output file. Also file name is test1. No need to generate to give extension of the file as the program generates a png file each time.

**Steps to import code and run the code in the Intellij Idea IDE**

Open Intellij Idea

go to file-> open then select parser folder

In the project explorer window select the parser project right click go to module settings.

In that select project sdk java 1.7

Also click on the dependency tab to select the dependency. Click on + . It will open the window which shows the files inside the parser project.

Now select antlr-4.5.1-complete.jar and plantuml.jar

After adding these dependency. Go to run -> edit configuration

Now enter the program arguments. two arguments are there. one is path to the directory. Other is output file name along with its path.

for example:

/home/shekhar/Desktop/uml-parser-test-1/ /home/shekhar/Desktop/test1

Here “/home/shekhar/Desktop/uml-parser-test-1/” is path to the directory containing the java files

“/home/shekhar/Desktop/test1” is path to output file. Also file name is test1. No need to generate to give extension of the file as the program generates a png file each time.

Click on apply. Now the program arguments are set. Click on run or press Shift + f10.

**Note: If you face any problem related to code or running the code. Please contact me on my email id:** [**chandra.shekhar@sjsu.edu**](mailto:chandra.shekhar@sjsu.edu)**. Phone: 6508898850**